Engineering Interpretations

Building Site Development

Soil properties influence development of building sites, including the selection of the site, the design of the structure, construction, post construction performance, and maintenance. Soil limitation ratings of slight, moderate, and severe are given for shallow excavations, dwellings with and without basements, small commercial buildings, local roads and streets, and lawns, landscaping, and golf fairways.

Shallow Excavations

Shallow excavations are trenches or holes dug in the soil to a maximum depth of 5 or 6 feet. They are used for pipelines, sewer lines, telephone and power transmission lines, basements, open ditches, and cemeteries. The ratings are based on the soil properties that influence ease of digging and resistance to sloughing.

Dwellings With or Without Basements

These are single-family houses of three stories or less. The foundation is assumed to be spread footings of reinforced concrete built on undisturbed soil at a depth of 2 feet or the depth of maximum frost penetration, whichever is deeper, for houses without basements, or at a depth of 7 feet if a basement is constructed. The ratings are based on properties affecting soil strength and settlement under a load, and those that affect excavation and construction costs.

Small Commercial Buildings

Limitation ratings are given for the undisturbed soil on which small commercial buildings of less than three stories without basements are built. The foundation is assumed to be placed on spread footings of reinforced concrete at a depth of 2 feet or the depth of maximum frost penetration, whichever is deeper.

Local Roads and Streets

Limitation ratings are given for the use of soils for construction of improved local roads and streets that have all-weather surfacing, commonly of asphalt, gravel with binder in it, or concrete, and that are expected to carry automobile traffic all year. These roads and streets are graded to shed water, and conventional drainage measures are provided. With the probable exception of the hard surface, roads and streets are built mainly from the soil at hand.

Lawns, Landscaping, and Golf Fairways

The soils are rated for their use in establishing and maintaining turf for lawns and golf fairways and ornamental trees and shrubs for residential type landscaping. The ratings are based on the use of soil material at the location with some land smoothing. Irrigation may or may not be needed and is not a criterion in rating. Traps, trees, roughs, and greens are not considered as part of the golf fairway. The properties considered are those listed that affect plant growth and trafficability after vegetation is established.

This subsection includes:

• (a) Building Site Development

(The information in this report indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without bas	ements	Dwellings with basem 	ents	Small commercial build	dings	Local roads and str 	eets	Lawns and landscaping	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
70030:	1	1		1	1	1	1	1	1	1
Noark	Moderately limited ~shrink-swell (moderately limited)	10.45	 Moderately limited ~shrink-swell (moderately limited)		(limited)		Moderately limited ~shrink-swell (moderately limited)	İ	 Very limited ~small stones (very limited) ~droughty	 1.00 0.30
	 	 		 	(moderately limited)			Ī	(slightly limited) ~too acid (slightly limited)	 0.06
	Slightly limited -large stones (slightly limited)	10.04	 Slightly limited ~shrink-swell (slightly limited)	 0.05	 Limited ~slope (limited)	I 0.68 	 Slightly limited ~large stones (slightly limited)	 0.04 	 Very limited ~small stones (very limited)	 1.00
	I I		~large stones (slightly limited)	0.04 	~large stones (slightly limited) 	10.04 		 	~droughty (slightly limited)	0.16
70031:	1	I	I	I	I	I	I	I	I	1
	Very limited ~slope (very limited)	11.00	Very limited ~slope (very limited)	 1.00 	Very limited ~slope (very limited)		Very limited ~slope (very limited)	 1.00 	Very limited ~slope (very limited)	 1.00
	~large stones (limited)	0.92 	~large stones (limited)	0.92 	~large stones (limited)	0.92 	~large stones (limited)	0.92 	~droughty (very limited) ~small stones	1.00 0.95
	! 	 	 	 	! 	 	! 	 	(limited)	
Rueter	~slope		Very limited ~slope	 1.00	•		Very limited rslope	11.00	Very limited ~slope	11.00
	(very limited) 	 	(very limited) 	1 	(very limited) 	! 	(very limited) 	 	(very limited) ~small stones (very limited)	 1.00
	1 1	 	 	 	 	 	 	 	~droughty (moderately limited)	0.59
70032: Tonti	 Slightly limited	 	 Very limited	! 	 Slightly limited	1 	 Slightly limited	! 	 Moderately limited	
	~wetness (slightly limited)	0.28 	~wetness (very limited)	1.00 	~wetness (slightly limited)		~wetness (slightly limited)	0.28 	~small stones (moderately limited)	
	I I	 	 	 	 	 	 	 	<pre> ~wetness (slightly limited)</pre>	0.28

Table 12.--Building Site Development--Continued

Map symbol and soil name	Dwellings without bas	ements	Dwellings with base 	ments	Small commercial buil	dings	 Local roads and st. 	reets	' Lawns and landscap 	oing
	Limitation	<u>Value</u>	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
70033:] 	 	 	-		 	 	1	 	1
Moko	 Verv limited	i	 Very limited	i	Very limited	I	 Very limited	i	Very limited	i
110110	· -	11.00	~hard bedrock <40"	11.00	· -		~hard bedrock <20"		~droughty	11.00
	(very limited)		(very limited)	1	•		(very limited)		(very limited)	1
	· · · -		~slope	10 68	· · · -		~low strength		~bedrock <20 in.	11.00
	(limited)	1	(limited)	1	(very limited)	1	(very limited)		(very limited)	1
		10 60	~large stones	10 60	· · · -	10 60	~large stones		~large stones >30%	11.00
	(limited)	1	(limited)	1	(limited)	1	(limited)	1	(very limited)	1
Rock outcrop	 Not rated	l I	 Not rated	 	 Not rated	 	 Not rated	 	 Not rated	
	1	1	1	1	I	I	!	1	1	1
70034: Moko	 Very limited	I 1	 Very limited	1	 Very limited	i ı	 Very limited	1	 Very limited	1
HORO	· -	11 00	~hard bedrock <40"	11.00	· -		~slope		~slope	11.00
	(very limited)	1	(very limited)	1	(very limited)	11.00	(very limited)		(very limited)	1
		11 00	~slope	11 00	· · ·	11 00	~hard bedrock <20"		~droughty	11.00
	(very limited)	1	(very limited)	1	(very limited)	11.00	(very limited)		(very limited)	1
	(very indiced)		(very rimited)	1	(very indiced)	1	(very rimited)		~bedrock <20 in.	11.00
	1	 	! 	l	1	1	! 	İ	(very limited)	1
	1	1	l	1	1	1	1	1	1	1
Blueye	· -		Very limited	1	Very limited		Very limited		Very limited	1
		1.00	~hard bedrock <40"	11.00	-		~slope		~slope	11.00
	(very limited)	I	(very limited)	ı	(very limited)		(very limited)		(very limited)	I
	•	1.00	~shrink-swell	11.00			~low strength		~small stones	1.00
	(very limited)	I	(very limited)	I			(very limited)		(very limited)	I
	•	•	~slope	1.00	•		~shrink-swell	1.00	~too clayey	10.60
	(moderately limited)	 	(very limited)	1	(moderately limited)	 	(very limited)	1	(moderately limited)	1
Rock outcrop	Not rated	!	 Not rated	į	Not rated	' 	 Not rated	i	 Not rated 	i
70035:	1	1 1	! 	i	1 1	l I	! 	1	! 	l l
Sonsac	Very limited	İ	Very limited	İ	Very limited	l	Very limited	İ	Very limited	İ
	~shrink-swell	11.00	~hard bedrock <40"	11.00	~slope	1.00	~slope	11.00	~slope	11.00
	(very limited)	ĺ	(very limited)	i	(very limited)	I	(very limited)	1	(very limited)	Ī
	~slope	11.00	~shrink-swell	11.00	~shrink-swell	1.00	~shrink-swell	11.00	~large stones	10.45
	(very limited)	I	(very limited)	1	(very limited)	I	(very limited)	1	(moderately limited)	1
	~hard bedrock	0.12	~slope	11.00	~depth to bedrock	0.12	~depth to bedrock	0.12	~small stones	10.09
	(slightly limited)	I	(very limited)	1	(slightly limited)	I	(slightly limited)	1	(slightly limited)	1
Gobbler	 Very limited	1	 Very limited	1	 Very limited	 	 Very limited	1	 Very limited	1
3000101	· -	11 00	~slope	11 00	•		~slope		~slope	11.00
	(very limited)	1	(very limited)	1	(very limited)		(very limited)	•	(very limited)	1
	· · · -	10 70	~depth to bedrock	10.75	· · · -		~shrink-swell		~small stones	11.00
	(limited)	10.73	(limited)	10.75	(limited)	10.19	(limited)		•	1
	(TTHE COC)	1	(limited) ~shrink-swell	10.73		1	(limited) ~low strength		(very limited)	10.29
	1	1	~snrink-swell (limited)	10.73	1	1	~low strength (limited)	10.78	<pre> ~droughty (slightly limited)</pre>	10.29
	1		i (iiiiiiiiiiii)	-	1	1	i (iiiiiiiiiiii)		i (orrginary rimicea)	
	1	1	ı	1	1	1	i .	1	i .	1

Table 12.--Building Site Development--Continued

Map symbol and soil name	Dwellings without bas	ements	Dwellings with bases 	ments	Small commercial buil	dings	Local roads and str 	eets	Lawns and landscaping	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
	I	1	l	1	I	I	l	1	l	1
70050:	I	1		1	I	I	I	1	I	1
Rueter	Limited	1	Limited	1	Very limited	I	Limited	1	Very limited	1
	~slope	10.76	~slope	10.76	~slope	1.00	~slope	10.63	~small stones	11.00
	(limited)	I	(limited)	1	(very limited)	I	(limited)	I	(very limited)	1
	~large stones	10.00	~shrink-swell	10.14	~large stones	10.00	~large stones	10.00	~slope	10.63
	(slightly limited)	1	(slightly limited)	1	(slightly limited)	I	(slightly limited)	1	(limited)	1
	1	I	~large stones	10.00	I	I	I	I	~droughty	10.56
	1	I.	(slightly limited)	1	!	1	!	I.	(moderately limited)	1
Goss	 Limited	 	 Limited	l I	 Very limited	I 	 Limited	 	 Limited	1
	~slope	10.76	~slope	10.76	~slope	1.00	~slope	10.63	~small stones	10.82
	(limited)	I	(limited)	1	(very limited)	I	(limited)	I	(limited)	1
	~shrink-swell	10.45	~shrink-swell	10.30	~shrink-swell	10.45	~shrink-swell	10.45	~slope	10.63
	(moderately limited)	I	(slightly limited)	1	(moderately limited)	I	(moderately limited)	I	(limited)	1
	1	I	Ι -	1		I		I	~droughty	10.43
	1	İ		i	Ī	Ī	i I	Ī	(moderately limited)	i .
	1	İ		i	Ī	Ī	i I	Ī	<u>-</u>	Ī
70051:	İ	İ	I	i	I	İ	I	İ	I	i
Hailey	Verv limited	i	Very limited	i	Very limited	i I	Very limited	İ	Very limited	i
-	~slope		~slope	11.00	· -		· -	11.00	~slope	11.00
	(very limited)	İ	(very limited)	i	(very limited)	İ	(very limited)	İ	(very limited)	i
	~large stones		~large stones	10.98	· · · -		· · · -	10.98	~droughty	11.00
	(limited)	i	(limited)	i	(limited)	i I	(limited)		(very limited)	i
	1	i	l	i	1	i I	1		~small stones	11.00
	İ	i	I	i	I	i I	I	İ	(very limited)	i
	i	i	I	i	I	i I	I	i	1	i
Rueter	Verv limited	i	Very limited	i	Very limited	i I	Very limited	i	Very limited	i
	~slope		~slope	11.00	· -		· -	11.00	~slope	11.00
	(very limited)	1	(very limited)	1	(very limited)	i i	(very limited)	1	(very limited)	1
	1	i	<u>.</u>	i	1	i I	1	i	~small stones	11.00
	i	i	I	i	I	i	I	•	(very limited)	1
	i	i	I	i	I	i I	I		~droughty	10.59
	i	i	I	i	I	i I	I	i	(moderately limited)	1
	i	i	I	i	I	i	I	i	l	i
71252:	i	i	I	i	I	i	I	i	I	i
Britwater	Not limited	i	 Not limited	i	 Limited	i I	 Not limited	i	Moderately limited	i
	1	i		i		10.68		i	~small stones	10.33
	I	i	I	i	(limited)	1	I	•	(moderately limited)	
	I	i	I	i		i	I		~too acid	10.24
		i	' 	i	' 	i	' 	i	(slightly limited)	1
	•		•		•		•		, , , , , , , , , , , , , , , , , , ,	

Table 12.--Building Site Development--Continued

Table 12.--Building Site Development--Continued

Map symbol and soil name	 Dwellings without bas 	ements	' Dwellings with basem 	ents	 Small commercial buil 	dings	 Local roads and str 	eets	 Lawns and landscap 	oing
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	<u>Value</u>	Limitation	Value
73117:	 	 	I 	I 	I I	l I	I 	 	I 	1
Clarksville	Moderately limited	I	Moderately limited	I	Limited	I	Not limited	I	Very limited	1
	~slope	10.30	~slope	10.30	~slope	10.99	I	I	~small stones	1.00
	(moderately limited)	I	(moderately limited)	I	(limited)	I	I	I	(very limited)	1
	1	I	~shrink-swell	0.07	I	1	I	I	~droughty	10.66
	1	1	(slightly limited)	I	1	!	1	1	(limited)	1
Scholten	 Moderately limited	 	 Very limited	l I	 Limited	! !	 Slightly limited	l I	 Very limited	1
	~slope	10.30	~wetness	1.00	~slope	10.99	~wetness	0.28	~small stones	11.00
	(moderately limited)	l	(very limited)	I	(limited)	ĺ	(slightly limited)	l	(very limited)	Ī
	~wetness	0.28	_	10.30	~wetness	10.28		l	~droughty	10.89
	(slightly limited)	l	(moderately limited)	I	(slightly limited)	ĺ	i I	l	(limited)	Ī
	I	I		I	I	ĺ	l	I	~wetness	10.28
	I	I	I	I	I	I	I	I	(slightly limited)	I
	I	I	I	I	I	I	I	I	I	I
Hailey	Moderately limited	I	Moderately limited	I	Limited	I	Not limited	I	Very limited	1
	~slope	10.30	~slope	0.30	~slope	10.99	I	I	~small stones	1.00
	(moderately limited)	I	(moderately limited)	I	(limited)	I	I	I	(very limited)	1
	1	I	I	I	1	I	I	I	~droughty	10.82
	1	1	1	I	1	1	!	1	(limited)	1
73118:] [l I	 	 	 	1	 	l I	 	1
Rueter	Limited	i	Limited	i	Very limited	i	Limited	i	Very limited	i
	~slope	10.76	~slope		_	11.00	~slope		_	11.00
	(limited)	İ	(limited)		· -		(limited)	i	(very limited)	i
	~large stones	0.00	~shrink-swell	0.14	~large stones			10.00	~slope	10.63
	(slightly limited)	I	(slightly limited)	I	(slightly limited)	ĺ	(slightly limited)		(limited)	1
	I	I	~large stones	10.00	I	I	I	I	~droughty	10.56
	1	I	(slightly limited)	I	I	I	I	I	(moderately limited)	1
Goss	 Limited	 	 Limited	 	 Very limited	 	 Limited	 	 Limited	1
	•	10.76	•	10.76	· -		•	•	•	10.82
	(limited)	1	(limited)	1	(very limited)		(limited)		(limited)	1
	• •	10.45	• •	10.30	· · · -		• •	•		10.63
	(moderately limited)		(slightly limited)	I	(moderately limited)		(moderately limited)		(limited)	1
	1	i I	. (* 5 ½	i I	1	i	I			10.43
	i	i I	I	i I	I	i	I	i I	(moderately limited)	1
	Ī	İ		İ	1	İ		İ	i .	İ
73119:	I	I	I	I	I	I	I	I	I	1
Rueter	Very limited	I	Very limited	I	Very limited	I	Very limited	I	Very limited	1
	~slope	1.00	~slope	1.00	~slope	11.00	~slope	1.00	~slope	11.00
	(very limited)	I	(very limited)	I	(very limited)	I	(very limited)	I	(very limited)	I
	1	I	~shrink-swell	0.12	1	I	I	I	~small stones	11.00
	1	I	(slightly limited)	I	1	I	I	I	(very limited)	1
	1	I	I	I	1	I	I	I	~droughty	10.54
	1	I	I	I	I	1	I	I	(moderately limited)	1
	I	I	I	I	I .	1	I	I	I	1

Map symbol and soil name	Dwellings without base	ements	Dwellings with base	ments	Small commercial buil	dings	Local roads and str	eets	Lawns and landscaping	
	Limitation	<u>Value</u>	Limitation	Value	Limitation	<u>Value</u>	Limitation	Value	Limitation	Valu
73119:		!	1	1	1	!	1	!	1	!
Hailey	Nort limited	1	 Very limited		 Very limited	1	 Very limited	1	 Very limited	1
паттеу	· -		~slope		· -		~slope		~slope	11.00
	(very limited)		(very limited)	•	(very limited)		(very limited)		(very limited)	11.00
	· · · -		· · · -		_		· · · -		~small stones	11.00
	~large stones (limited)	10.96	~large stones (limited)	10.96	~large stones (limited)	10.96	~large stones (limited)	10.96		11.00
	(limited)	1	(limited)		(limitea)		(limited)		(very limited)	11 00
	1	! 	I 	l	! 	 	I 		<pre> ~droughty (very limited)</pre>	1.00
73120:	1	1	 	1	 	l	 	l	1	1
Rueter	 Verv limited	! 	 Very limited	i	 Very limited	! 	 Very limited	! 	 Very limited	i
	_		~slope		· -		~slope		~slope	11.00
	(very limited)	1	(very limited)		(very limited)	1	(very limited)		(very limited)	1
	1	i	1	i	1	i	1		_	11.00
	İ		I	i	I	i	I	i	(very limited)	1
	1		! 	i	! 	1	! 	1	(very rimited)	i
Gasconade	Very limited	I	 Very limited	i	Very limited	i	Very limited	i	Very limited	i
			~hard bedrock <40"		· -		· -		· -	11.00
	(very limited)	1	(very limited)		(very limited)		(very limited)		(very limited)	1
	· · · -	11.00	~slope		· · · -		· · · · -		~droughty	11.00
	(very limited)		(very limited)				(very limited)		(very limited)	1
	_		~large stones		· · · -		· · · -		· · · -	11.00
	(moderately limited)		(slightly limited)	1	(moderately limited)		(very limited)	1	(very limited)	1
	(moderatery rimited)		(originary rimination)	i	(moderatery rimited)	i		i		i
Rock outcrop	Not rated	I	Not rated	1	Not rated	1	Not rated	I	Not rated	İ
73121:	1	! 	! 	I I	! 	 	! 	 	I I	1
Scholten	Moderately limited	i I	Very limited	i	Moderately limited	i I	Moderately limited	i	Moderately limited	i
	· -		~wetness		·		~wetness		~wetness	10.34
	(moderately limited)		(very limited)	•	(moderately limited)		(moderately limited)		(moderately limited)	
		I	1		_	10.34	_	i		i
	i	i	I	i	(moderately limited)		I	i	I	i
	İ	i I	I	i	l	i	I	i	I	i
Tonti	Moderately limited	l	Very limited	i	Moderately limited	İ	Limited	İ	Moderately limited	i
	· -		1 ~wetness		·		~low strength		~wetness	10.39
	(moderately limited)	•	(very limited)	1	(moderately limited)		(limited)	1	(moderately limited)	
	1	i I	1	i	•		• •	10.39	•	i
	İ	I	I	İ	(moderately limited)	I	(moderately limited)	I	i I	İ
73122:	<u> </u>	 	 	1	 	l I	 	l I	 	1
Gasconade	Very limited	I	Very limited	Ī	Very limited	ĺ	Very limited	ĺ	Very limited	Ī
	~slope	1.00	~hard bedrock <40"	1.00	~slope	11.00	~slope	11.00	~slope	11.00
	(very limited)		(very limited)		(very limited)		(very limited)	I	(very limited)	1
	· · · -	11.00	~slope	11.00	~hard bedrock <20"		· · · -	11.00	~droughty	11.00
	(very limited)		(very limited)				(very limited)		(very limited)	I
	· · · -		~large stones		· · · -		· · · -		· · · -	11.00
	(moderately limited)		(slightly limited)	1	(moderately limited)	I	(moderately limited)	I	(very limited)	1
	1			i		i		i	1	í

Table 12.--Building Site Development--Continued

Table 12.--Building Site Development--Continued

Map symbol and soil name	 Dwellings without base 	ements	 Dwellings with basem 	ents	 Small commercial build 	dings	 Local roads and str 	eets	 Lawns and landscap 	oing
	Limitation	<u>Value</u>	Limitation	<u>Value</u>	Limitation	<u>Value</u>	Limitation	<u>Value</u>	Limitation	<u>Value</u>
73122: Rock outcrop	 Not rated 	 	 Not rated 	 	 Not rated 	 	 Not rated 	 	 Not rated 	
	 Moderately limited ~slope (moderately limited) 	0. 4 5	(limited)	 0.45	(very limited)	11.00	 Slightly limited ~slope (slightly limited) 	10.04 	(limited) ~large stones (moderately limited)	 10.82 10.30 10.04
	(moderately limited)	0.45 0.45 	(moderately limited) ~shrink-swell (moderately limited)	 0.53 0.45	(very limited) ~shrink-swell (moderately limited)	1.00 0.45	 Moderately limited ~shrink-swell (moderately limited) ~slope (slightly limited) 	0.45 0.04	(limited) ~too acid (slightly limited)	 0.91 0.18 0.04
73124: Alred	· -	1.00 	(very limited)	 0.57	(very limited)		 Very limited ~slope (very limited) 	1.00 	(very limited) ~small stones (very limited)	 1.00 1.00 1.00
	(very limited)	1.00 1.00 	(very limited) ~depth to bedrock (limited)	 0.79 0.59	(very limited) ~shrink-swell (very limited)	1.00 1.00	(very limited) ~low strength (very limited)	1.00 	(very limited)	 1.00 0.48
-	(very limited) ~slope (moderately limited) ~large stones (slightly limited)	1.00 0.45 0.15 	(very limited) ~slope (moderately limited)	 0.45 0.15 	(very limited) ~slope (very limited)	1.00 1.00 0.15	(very limited) ~large stones (slightly limited)	1.00 0.15 0.04	(very limited) ~bedrock <20 in. (very limited)	 1.00 1.00 1.00 0.79

Table 12.--Building Site Development--Continued

Map symbol and soil name	Dwellings without bas 	ements	Dwellings with basem 	ents	Small commercial build	dings	Local roads and str 	eets	Lawns and landscaping	
	Limitation	Value	Limitation	Value	Limitation	<u>Value</u>	Limitation	Value	Limitation	Valu
73129:	 	 	l 1	 	 	 	 	 	 	1
Gasconade	 Verv limited	i	 Very limited	i	Very limited	I	Very limited	i	Very limited	i
	· -		~hard bedrock <40"	11.00	· -		· -	11.00	~droughty	11.00
	(very limited)		(very limited)		(very limited)	1	(very limited)	1	(very limited)	1
	· · ·		~shrink-swell	•	· · ·	10.68	· · · •	11.00	· · •	11.00
	(moderately limited)		(moderately limited)		(limited)	1	(very limited)	1	(very limited)	1
	- · · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			10.45	· · · -	10.45	~too clayey	10.60
	(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)	
73130:] 	 	 	l I]] 	I
Gasconade	 Verv limited	i	Very limited	i	 Very limited	I	 Very limited	i	 Very limited	i
	_		_	1.00	_		_	11.00	=	11.00
	(very limited)		(very limited)	1	(very limited)	1	(very limited)	1	(very limited)	1
	· · · -		· · · -	10 68	· · · -	11.00	· · · -	1 10 45	· · · -	11.00
	(limited)		(limited)		(very limited)	1	(moderately limited)		(very limited)	1
	• •		~shrink-swell		· · · -	10 45	· · •		· · · -	11.00
	(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)		(very limited)	1
	(moderacery rimiced)		(moderacery rimiced)		(moderacery rimited)	1	(moderacery rimiced)		(very rimited)	<u>'</u>
73131:	I	i	i I	i	I	i	I	i	I	i
Gasconade	Very limited	I	Very limited	I	Very limited	I	Very limited	I	Very limited	1
	~hard bedrock <20"	11.00	~hard bedrock <40"	11.00	~slope	11.00	~slope	1.00	~slope	11.00
	(very limited)	I	(very limited)	I	(very limited)	I	(very limited)	I	(very limited)	1
	~slope	1.00	~slope	11.00	~hard bedrock <20"	11.00	~hard bedrock <20"	1.00	~droughty	11.00
	(very limited)	I	(very limited)	I	(very limited)	I	(very limited)	I	(very limited)	1
	~shrink-swell	10.45	~shrink-swell	10.45	~shrink-swell	0.45	~shrink-swell	10.45	~bedrock <20 in.	11.00
	(moderately limited)	!	(moderately limited)	I	(moderately limited)	l	(moderately limited)	l	(very limited)	1
73132:	I I	 	l 1	l I	 	! !	I I	 	I I	1
Gasconade	Very limited	İ	Very limited	i	Very limited	i I	Very limited	l	Very limited	i
	_		· -	11.00	· -		· -		~slope	11.00
	(very limited)		(very limited)	i	(very limited)	i I	(very limited)	l	(very limited)	i
	· · · -		l~slope	11.00	· · · -	11.00	~hard bedrock <20"	11.00	~droughty	11.00
	(very limited)	ĺ	(very limited)	ĺ	(very limited)	I	(very limited)	I	(very limited)	Ī
	~large stones	11.00	~large stones	11.00	=	11.00	~low strength	1.00	_	11.00
	(very limited)	I	(very limited)	l	(very limited)	1	(very limited)	I	(very limited)	1
72122.	1	<u> </u>	1	1	1	I	1	I	1	1
73133:	 []	!	 	!	 Timital	1	 []		 Nedametals=limited	!
	Slightly limited		Slightly limited	10.00	Limited		Slightly limited	10 10	Moderately limited	10 40
			~shrink-swell	10.29	•	10.68	·	10.10	~small stones	10.48
	(slightly limited)		(slightly limited)	10 10	(limited)	10 10	(slightly limited)		(moderately limited)	
	I 	 	~large stones (slightly limited)	10.10	~large stones (slightly limited)	0.10 	! 	l I	<pre> ~droughty (slightly limited)</pre>	0.11
	i I	l	l	İ	I	I	I	I	I	İ
Ocie	Moderately limited	I	Limited	l	Limited		Moderately limited	l	Not limited	1
	~shrink-swell	10.45	~depth to bedrock	10.79	~slope	10.68	~shrink-swell	10.45	l	1
	(moderately limited)		(limited)	I	(limited)	I	(moderately limited)	I	l	1
	1	I	~shrink-swell	10.76	•	10.45	l	I	l	1
	1	1	(limited)	1	(moderately limited)	I	I .	1	I .	1

Map symbol and soil name	Dwellings without bas	ements	Dwellings with basem 	ents	Small commercial buil	dings	Local roads and str 	eets	Lawns and landscap	ping
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Valu
73134:				1	1	1	1	!	1	1
/3134. Alred	I imited		ı Limited		 Very limited		 Limited		Illows limited	-
ATTEG	~slope		~slope	10.76	_	•	~slope	10 63	Very limited ~small stones	11.00
	(limited)		~slope (limited)	10.76	(very limited)	11.00	(limited)	10.63	(very limited)	11.00
	(IIIII cea)			10.62		1	(IIIIICea)	1	~slope	10.63
	1		(limited)	10.62	1	1	1		(limited)	10.63
	1		(IIIIICea)		1	1	1		~droughty	10.02
	1		I 	 	! 	i I	! 	 	(slightly limited)	10.02
	1	1	I	I	I	I	I	I	I	1
Ocie	· Limited		Limited	I	Very limited	•	Limited	I	Limited	I
	~slope		~slope	10.76	· -	1.00	~slope	10.63	~small stones	10.64
	(limited)		(limited)	I	(very limited)	I	(limited)	I	(limited)	I
	~shrink-swell		~depth to bedrock	10.75	• •	•	~shrink-swell	•	~slope	10.63
	(moderately limited)		(limited)	I	(moderately limited)	I	(moderately limited)		(limited)	I
	1	1	•	10.57	I	I	I	I	~too acid	0.18
	1		(moderately limited)	 	 	1	 	 -	(slightly limited)	1
Sonsac	 Limited		 Very limited	İ	 Very limited	İ	 Very limited	İ	 Limited	i
	~slope	10.76	~hard bedrock <40"	11.00	~slope	11.00	~low strength	11.00	~slope	10.63
	(limited)	1 1	(very limited)	I	(very limited)	1	(very limited)	I	(limited)	1
	~shrink-swell	0.45	~slope	10.76	~shrink-swell	10.45	~slope	10.63	~small stones	10.48
	(moderately limited)	1	(limited)	I	(moderately limited)	I	(limited)	I	(moderately limited))
	~hard bedrock	10.33	~shrink-swell	10.33	~depth to bedrock	10.33	~shrink-swell	10.45	~depth to bedrock	0.18
	(moderately limited)	1 !	(moderately limited)	1	(moderately limited)	1	(moderately limited)	!	(slightly limited)	1
74638:	1		l 	l I	! 	1	! 	 	! 	1
Waben	Slightly limited	1	Slightly limited	ĺ	Limited	1	Slightly limited	ĺ	Very limited	1
	~large stones	10.00	~large stones	10.00	~slope	10.68	~large stones	10.00	~small stones	1.00
	(slightly limited)	1 1	(slightly limited)	I	(limited)	I	(slightly limited)	I	(limited)	1
	1	1 1	 I	I	~large stones	10.00	I	I	I	1
	1	1	I	I	(slightly limited)	I	I	I	I	1
74639:	1	1	 	l I	 	1	 	l I	 	1
Waben	· Limited	i	Limited	i	Very limited	i	 Limited	i	Very limited	i
	~slope		~slope	10.76	•	•	~slope	10.63	~small stones	11.00
	(limited)		(limited)	i	(very limited)	1	(limited)	1	(very limited)	i
	1	i i	l	i	1	i	1	i	~slope	10.63
	i	i		i	Ī	i	I		(limited)	i
	i	i		i	Ī	i	I	İ	l~too acid	10.48
	Ī	i i	l	İ	Ī	İ	I	Ì	(moderately limited))
74640:	1	1 1	 	1	1	1	1	1	1	1
Hootentown	 Very limited		 Very limited	1	 Very limited		 Limited		 Not limited	1
noocencown	~flooding		very indiced ~flooding	11 00	_	•	•	10.90	I I I I I I I I I I I I I I I I I I I	-
	(very limited)	11.00	~flooding (very limited)	1 00	(very limited)	1	~iiooding (rare) (limited)	10.90	1 1	1
	i (very rimited)	1	(very rimited)	1	i (very rimited)	1	I (TIME CECI)	1	1	1

Table 12.--Building Site Development--Continued

Table 12.--Building Site Development--Continued

Map symbol and soil name	Dwellings without bas 	ements	Dwellings with basem 	ents	Small commercial buil 	dings	Local roads and str 	eets	Lawns and landscaping	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
75401:] 	1] 	1] 	1
Horsecreek	· -		Very limited ~flooding (very limited) 		Very limited ~flooding (very limited) 	1.00 	Very limited ~flooding (very limited) ~low strength (very limited)		(moderately limited)	 0.60
Jamesfin	· -		 Very limited ~flooding (very limited) 	11.00	 Very limited ~flooding (very limited) 	1.00 	(very limited)	1.00	 Moderately limited ~flooding (moderately limited) 	 0.60
75402:	! 	i	· 	i	! 		1	i I	1	i
	Very limited ~flooding (very limited) 	1.00 	(very limited)		Very limited ~flooding (very limited) 		Very limited ~flooding (very limited) 		Moderately limited ~flooding (moderately limited) 	 0.60
75403:	! 		l 	! 	I 	 	! 	i I	! 	i
	Very limited ~flooding (very limited)		 Very limited ~flooding (very limited) 		Very limited ~flooding (very limited)		Very limited ~flooding (very limited)	1.00 	(very limited) ~droughty	 1.00 0.97
	 	 	 	 	 	 	 	•	(limited) ~flooding (moderately limited) 	 0.60
Woolly	· -		Very limited ~flooding (very limited)		Very limited ~flooding (very limited)		Very limited ~flooding (very limited)	1.00	Very limited ~small stones (very limited)	 1.00
	 	 	· · · -	10.60 I	· · · -	 	 	I I	~droughty (limited)	10.90 I
	 	 	 	 	 	 	 	 	<pre> ~flooding (moderately limited) </pre>	0.60
75404: Pinerun	 Very limited	 	 Very limited	 	 Very limited	 	 Very limited		 Very limited	
	· -		~flooding (very limited)	1.00 	~flooding (very limited)	1.00 	~flooding (very limited)	1.00	· -	1.00
	~shrink-swell (moderately limited)		~shrink-swell (moderately limited)		~shrink-swell (moderately limited)	•	~shrink-swell (moderately limited)	I	(limited)	10.63 1
	I I	I I	I I	I 	I I	I 	1 	I I	<pre> ~flooding (moderately limited)</pre>	0.60

Map symbol and soil name	Dwellings without bas	sements	Dwellings with basem 	ents	Small commercial buil	dings	Local roads and str	reets	Lawns and landscap	ping
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
	1	1	ı 	1	1	1	ı	1		1
75405:	İ	1	l	Ī	I	l	l	Ī	I	Ī
Pinerun	- Very limited	1	Very limited	I	Very limited	I	Very limited	1	Very limited	1
	~flooding	11.00	~flooding	1.00	~flooding	1.00	~flooding	11.00	~small stones	11.00
	(very limited)	1	(very limited)	I	(very limited)	I	(very limited)	1	(very limited)	1
	~shrink-swell	10.45	~shrink-swell	10.43	~shrink-swell	10.45	~shrink-swell	10.45	~flooding	10.60
	(moderately limited)	1	(moderately limited)	I	(moderately limited)	I	(moderately limited)	1	(moderately limited))
	1	1	I	I	I	I	I	1	~large stones	10.01
	1	1	I	I	1	I	I	1	(slightly limited)	1
	1	1	I	I	I	I	I	1	1	1
Waben	- Not limited	1	Not limited	I	Slightly limited	I	Not limited	1	Very limited	1
	1	1	I	I	~slope	0.15	I	1	~small stones	11.00
	1	1	I	I	(slightly limited)	I	I	1	(limited)	1
	1	1	I	I	I	I	I	1	~too acid	10.24
	1	1	I	I	I	I	I	1	(slightly limited)	1
	1	1	I	I	I	I	I	1	1	1
99000:	1	1	I	I	I	I	I	1	1	1
Pits, quarries	- Not rated	1	Not rated	I	Not rated	I	Not rated	1	Not rated	1
	1	1	I	I	I	I	I	1	1	1
99001:	1	1	I	I	I	I	I	1	1	1
Water	- Not rated	1	Not rated	I	Not rated	I	Not rated	1	Not rated	1
	1	1	I	I	I	I	I	1	1	1
99005:	1	1	I	I	I	I	I	1	1	1
Landfills	- Not rated	1	Not rated	I	Not rated	I	Not rated	1	Not rated	1
	1	1	I	1	1	I	I	1	1	1

Table 12.--Building Site Development--Continued

Soil Survey